MIHIRA PATEL

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EDUCATION

University of California, Berkeley   Aug. 2018 - May 2022
B.A. Computer Science
Relevant Coursework: Data Structures, Structure & Interpretation of Computer Programs, Introduction to Data Science, Linear Algebra & Differential Equations, Discrete Mathematics & Probability Theory (in progress), Machine Structures (in progress)

SKILLS

LANGUAGES: Java, Python, HTML, Sass/CSS, JavaScript, SQL, TypeScript
LIBRARIES/TOOLS: React, Numpy, Pandas, Git, JUnit, Figma, Sketch, Visual Studio, Eclipse, IntelliJ

EXPERIENCE

Software Engineering Intern · IAC Applications   New York, NY · June 2019 - Aug. 2019
- Built a website testing and experimentation application on platform services team
- Redesigned A/B test tracking platform to increase usability and efficiency
- Technologies used: TypeScript with React.js

Co-founder · SheEO   San Francisco, CA · May 2015 - Current
- Lead workshop series to inform high school girls to applications of computer science
- Created fellowship to encourage high school girls to educate their communities
- Provide mentorship and opportunities in the tech industry for fellowship recipients

PROJECTS

Politigo   July 2019
- Developed web application to inform users about important community issues
- Informs users about bills and helps them contact local representatives
- Built with React.js, Sass, GraphQL, Node.js

Movement Game   May 2019
- Created an interactive game allowing users to move avatars & collect points to win
- Implemented saving and loading to let users save their game status & revisit later
- Built with Java and JavaScript

BearMaps   Apr. 2019
- Developed the backend of a web mapping application to navigate through Berkeley
- Implemented autocomplete and search system along with a shortest route finder
- Built with Java

SWE++ Website   Feb. 2019
- Created website for UC Berkeley's SWE++ chapter with information about program
- Built with HTML, CSS, JavaScript, PHP

LEADERSHIP

Computer Science Mentors · CS 61A Junior Mentor   Jan. 2019 - Current
- Lead tutoring sections to reinforce course material: recursion, OOP, trees, linked lists
- Meet with students one-on-one around to provide other assistance outside of section

Society of Women Engineers · SWE++ Officer   Sept. 2018 - Current
- Hosted 28 middle school girls on campus for weekly coding classes & mentorship
- Working on curriculum development, marketing, logistics, & onboarding chapters
- Developed website with information about classes, chapters, & Code Day

AWARDS

Girls Who Code Alumni Aspiring Technologist Scholarship
- Selected to receive a scholarship to the Grace Hopper Celebration in October 2019

NCWIT Award for Aspirations in Computing
- Awarded for achievements in computing, leadership, & academic performance

Rewriting the Code Fellow
- Selected for year-long program that offers opportunities for industry exploration and technical skills

Girl Scouts Gold Award
- Awarded to 5.4% of Girls Scouts, highest achievement in Girl Scouts, created after school STEM program for elementary school girls